

1. Who works on the Reorganization project?

```
SELECT Fname, Lname  
FROM EMPLOYEE, WORKS_ON, PROJECT  
WHERE Ssn = Essn AND Pno = Pnumber AND Pname = 'Reorganization';
```

2. Who works on a project located in Houston?

```
SELECT Fname, Lname  
FROM EMPLOYEE, WORKS_ON, PROJECT  
WHERE Ssn = Essn AND Pno = Pnumber AND Plocation = 'Houston' ;
```

3. Which Employees have a spouse?

```
SELECT Fname, Lname  
FROM EMPLOYEE, DEPENDENT  
WHERE Ssn = Essn AND Relationship = 'Spouse';
```

4. Which Employee lives on a street named "Castle"

```
SELECT Fname, Lname  
FROM EMPLOYEE  
WHERE Address LIKE '%Castle%'
```

5. Tell me the names and addresses of all the managers.

```
SELECT Fname, Lname, Address  
FROM EMPLOYEE, DEPARTMENT  
WHERE Mgr_ssn = Ssn ;
```

6. Show the names of all employees making more than \$30,000 but less than \$50,000

```
SELECT Fname, Lname  
FROM EMPLOYEE  
WHERE Salary BETWEEN 30000 AND 50000;
```

7. Show the project name, number, and location for all projects with “Product” in the product name.

```
SELECT Pname, Pnumber, Plocation
FROM PROJECT
WHERE Pname LIKE 'Project_';
```

8. The company has decided to update their minimum salary to \$30,000. Since raising the minimum salary should benefit everyone, give everyone who made \$30,000 a year or more a 10% raise

```
UPDATE EMPLOYEE
SET SALARY = SALARY * 1.1
WHERE SALARY >= 30000;
```

9. Now that we have given a raise to everyone making \$30,000 or more, give any employee who makes less than \$30,000 a year a raise to meet this new minimum salary of \$30,000 a year.

```
UPDATE EMPLOYEE
SET SALARY = 30000
WHERE SALARY < 30000;
```

10. Change the New Benefits project to be under department 1

```
UPDATE PROJECT
SET Dnum = 1
WHERE Pname = 'Newbenefits';
```